L Number	Hits	Search Text	DB	Time stamp
-	1	5787126.pn.	USPAT;	2003/12/15 16:34
	_	5707400 LIDDN	US-PGPUB	00004045 44.00
-	6	5787126.URPN.	USPAT	2003/12/15 14:26
-	5	("3983489" "5113094" "5787126" "5790945" "6275689").PN.	USPAT	2003/12/15 14:27
_	5	0273069).FN. ("5303417" "5361408" "5436931" "5446762"	USPAT	2003/12/15 15:43
		"5550869").PN.	00, 7, 11	2000, 12, 10 10: 10
-	63	455/213.ccls.	USPAT;	2003/12/15 16:34
			US-PGPUB	
-	263	455/324.ccls.	USPAT;	2003/12/16 11:09
			US-PGPUB	
_	147	455/255.ccls.	USPAT;	2003/12/15 16:34
_	165	455/258.ccls.	US-PGPUB USPAT:	2003/12/15 16:34
	100	100/200.0013.	US-PGPUB	2003/12/13 10:34
-	125	455/259.ccls.	USPAT;	2003/12/15 16:34
			US-PGPUB	
- :	186	455/290.ccls.	USPAT;	2003/12/15 16:34
	477	455/201 2010	US-PGPUB	0000/40/45 40 0 :
-	177	455/291.ccls.	USPAT; US-PGPUB	2003/12/15 16:34
_	136	455/293.ccls.	USPAT;	2003/12/15 16:34
			US-PGPUB	
-	379	455/307.ccls.	USPAT;	2003/12/15 16:35
			US-PGPUB	
-	342	455/313.ccls.	USPAT;	2003/12/15 16:35
_	283	455/318.ccls.	US-PGPUB USPAT;	2003/12/15 16:35
		100/010/00/00	US-PGPUB	2000/12/10 10:00
-	193	455/319.ccls.	USPAT;	2003/12/15 16:35
			US-PGPUB	
-	84	455/320.ccls.	USPAT;	2003/12/15 16:35
_	372	455/323.ccls.	US-PGPUB USPAT;	2003/12/15 16:35
	0,2	100/020.0010.	US-PGPUB	2003/12/13 10:33
-	259	455/334.ccls.	USPAT;	2003/12/15 16:35
			US-PGPUB	
-	512	455/337.ccls.	USPAT;	2003/12/15 16:35
_	5	15-120	US-PGPUB	2003/12/15 16:36
	3	10-120	USPAT; US-PGPUB	2003/12/13 10.30
-	3144	455/213.ccls. 455/324.ccls. 455/255.ccls. 455/258.ccls.	USPAT;	2003/12/16 15:53
		455/259.ccls. 455/290.ccls. 455/291.ccls. 455/293.ccls.	US-PGPUB	
		455/307.ccls. 455/313.ccls. 455/318.ccls. 455/319.ccls.		
_	0	455/320.ccls. 455/323.ccls. 455/334.ccls. 455/337.ccls. differential same mixerr same "180"	USPAT;	2003/12/15 16:37
		directional same mixed same 100	US-PGPUB	2003/12/13 10.3/
-	81	differential same mixer same "180"	USPAT;	2003/12/16 09:52
			US-PGPUB	
-	3087	mixer same "180"	USPAT;	2003/12/15 17:21
	13	(mixer come "190") and 455/224 cele	US-PGPUB	2002/40/45 47.01
-	13	(mixer same "180") and 455/324.ccls.	USPAT; US-PGPUB	2003/12/15 17:21
-	11	((mixer same "180") and 455/324.ccls.) not (differential same	USPAT;	2003/12/15 17:21
		mixer same "180")	US-PGPUB	
-	1542	differential with mixer	USPAT;	2003/12/16 09:52
	404	(differential with mixer) ages (///400/l) or (age)	US-PGPUB	00004040 00 55
-	104	(differential with mixer) same (("180") or (positive with negative))	USPAT;	2003/12/16 09:53
_	263	1egative) 455/324.ccls.	US-PGPUB USPAT;	2003/12/16 11:09
			US-PGPUB	
-	22	(differential with mixer) and 455/324.ccls.	USPAT;	2003/12/16 15:32
			US-PGPUB	

-	12	("5127102" "5140198" "5532637" "5852772" "5859559"	USPAT	2003/12/16 13:47
		"5901349" "5929710" "5950119" "5974306" "5983082"		
		"6111463" "6308058").PN.		
_	6	("5140699" "5241702" "5749051" "6006079" "6009126"	USPAT	2003/12/16 13:50
		"6311051").PN.	00.7	2000: 12:10 10:00
	1	(US-6006079-\$).did.	USPAT	2003/12/16 13:54
-	1	6597899.PN. and differential	USPAT	2003/12/16 13:54
-	-		USPAT	
-	0	((US-6006079-\$).did.) and differential		2003/12/16 14:02
-	0	((US-6006079-\$).did.) and "180"	USPAT	2003/12/16 13:55
-	7	("5121073" "5422889" "5584059" "5724653" "5748681"	USPAT	2003/12/16 14:01
1	_	"5918167" "5999802").PN.		
-	2	(("5121073" "5422889" "5584059" "5724653" "5748681"	USPAT	2003/12/16 14:02
		"5918167" "5999802").PN.) and differential		
-	12	("4360929" "4656406" "4814715" "4970519" "5017841"	USPAT	2003/12/16 14:04
		"5321852" "5400363" "5530929" "5535432" "5606731"		
		"5613233" "5761615").PN.		
-	7	5918167.URPN.	USPAT	2003/12/16 14:09
-	56	(differential) and 455/324.ccls.	USPAT:	2003/12/16 15:32
		(4	US-PGPUB	
_	22	(differential with mixer) and 455/324.ccls.	USPAT;	2003/12/16 15:54
		(unierential with mixer) and 400/024.003.	US-PGPUB	2000/12/10 10:04
	34	((differential) and 455/324.ccls.) not ((differential with mixer)		2002/12/16 15:22
-	34		USPAT;	2003/12/16 15:32
	۔	and 455/324.ccls.)	US-PGPUB	0000404045
-	5	("5375258" "5761615" "5826180" "5894592"	USPAT	2003/12/16 15:36
	_	"5896562").PN.		
-	6	6016422.URPN.	USPAT	2003/12/16 15:37
-	519	ichihara\$.in.	USPAT;	2003/12/16 15:48
			US-PGPUB	
-	4213	direct adj conversion	USPAT;	2003/12/16 15:49
			US-PGPUB	
-	6	ichihara\$.in. and (direct adj conversion)	USPAT;	2003/12/16 15:49
			US-PGPUB	
-	6	("5212827" "5241702" "5661761" "5901347" "6324389"	USPAT	2003/12/16 15:50
		"6473471").PN.		
-	3145	455/213.ccls. 455/324.ccls. 455/255.ccls. 455/258.ccls.	USPAT;	2003/12/16 15:53
		455/259.ccls. 455/290.ccls. 455/291.ccls. 455/293.ccls.	US-PGPUB	
		455/307.ccls. 455/313.ccls. 455/318.ccls. 455/319.ccls.	00 1 01 00	
		455/320.ccls. 455/323.ccls. 455/334.ccls. 455/337.ccls.		
_	119	(differential with mixer) and (455/213.ccls. 455/324.ccls.	USPAT:	2003/12/16 17:12
	''	455/255.ccls. 455/258.ccls. 455/259.ccls. 455/290.ccls.	US-PGPUB	2003/12/10 17.12
		455/291.ccls. 455/293.ccls. 455/307.ccls. 455/313.ccls.	03-6666	
		455/318.ccls. 455/319.ccls. 455/320.ccls. 455/323.ccls.		
	,-,	455/334.ccls. 455/337.ccls.)	LICDAT	2002/40/40 45 54
-	97	((differential with mixer) and (455/213.ccls. 455/324.ccls.	USPAT;	2003/12/16 15:54
		455/255.ccls. 455/258.ccls. 455/259.ccls. 455/290.ccls.	US-PGPUB	
		455/291.ccls. 455/293.ccls. 455/307.ccls. 455/313.ccls.		
		455/318.ccls. 455/319.ccls. 455/320.ccls. 455/323.ccls.		
		455/334.ccls. 455/337.ccls.)) not ((differential) and		
		455/324.ccls.)		
-	19	(((differential with mixer) and (455/213.ccls. 455/324.ccls.	USPAT;	2003/12/16 17:01
		455/255.ccls. 455/258.ccls. 455/259.ccls. 455/290.ccls.	US-PGPUB	
		455/291.ccls. 455/293.ccls. 455/307.ccls. 455/313.ccls.		
		455/318.ccls. 455/319.ccls. 455/320.ccls. 455/323.ccls.		
		455/334.ccls. 455/337.ccls.)) not ((differential) and		
		455/324.ccls.)) and (direct adj conversion)		
-	221	(455/213.ccls. 455/324.ccls. 455/255.ccls. 455/258.ccls.	USPAT;	2003/12/16 17:02
		455/259.ccls. 455/290.ccls. 455/291.ccls. 455/293.ccls.	US-PGPUB	
		455/307.ccls. 455/313.ccls. 455/318.ccls. 455/319.ccls.		
		455/320.ccls. 455/323.ccls. 455/334.ccls. 455/337.ccls.)		
		and (direct adj conversion)		
		The factor and controllers	L	

-	167	((455/213.ccls. 455/324.ccls. 455/255.ccls. 455/258.ccls. 455/259.ccls. 455/290.ccls. 455/291.ccls. 455/293.ccls. 455/307.ccls. 455/313.ccls. 455/318.ccls. 455/319.ccls. 455/320.ccls. 455/323.ccls. 455/334.ccls. 455/337.ccls.) and (direct adj conversion)) not ((((differential with mixer) and (455/213.ccls. 455/324.ccls. 455/255.ccls. 455/258.ccls. 455/259.ccls. 455/290.ccls. 455/291.ccls. 455/293.ccls. 455/307.ccls. 455/313.ccls. 455/318.ccls. 455/319.ccls. 455/320.ccls. 455/323.ccls. 455/334.ccls. 455/337.ccls.)) not ((differential) and 455/324.ccls.)) or ((differential))	USPAT; US-PGPUB	2003/12/16 17:02
-	1542	455/324.ccls.)) differential with mixer	USPAT;	2003/12/16 17:12
-	120	(differential with mixer) and (direct adj conversion)	US-PGPUB USPAT; US-PGPUB	2003/12/16 17:12
-	86	((differential with mixer) and (direct adj conversion)) not ((((455/213.ccls. 455/324.ccls. 455/255.ccls. 455/258.ccls. 455/259.ccls. 455/290.ccls. 455/291.ccls. 455/293.ccls. 455/307.ccls. 455/313.ccls. 455/318.ccls. 455/319.ccls. 455/320.ccls. 455/323.ccls. 455/334.ccls. 455/337.ccls.) and (direct adj conversion)) not ((((differential with mixer) and (455/213.ccls. 455/324.ccls. 455/255.ccls. 455/258.ccls. 455/259.ccls. 455/290.ccls. 455/291.ccls. 455/293.ccls. 455/307.ccls. 455/313.ccls. 455/318.ccls. 455/319.ccls. 455/320.ccls. 455/323.ccls. 455/334.ccls. 455/337.ccls.)) not (((differential) and 455/324.ccls.))) or (((differential) and 455/213.ccls. 455/324.ccls. 455/255.ccls. 455/258.ccls. 455/259.ccls. 455/290.ccls. 455/291.ccls. 455/293.ccls. 455/259.ccls. 455/291.ccls. 455/293.ccls. 455/259.ccls. 455/259.ccls. 455/291.ccls. 455/293.ccls. 455/307.ccls. 455/313.ccls. 455/318.ccls. 455/319.ccls. 455/307.ccls. 455/323.ccls. 455/318.ccls. 455/337.ccls.)) not (((differential) and 455/324.ccls.)) or (((differential) and 455/324.ccls.)) or (((differential) and 455/324.ccls.))	USPAT; US-PGPUB	2003/12/16 17:18
_	4	("3761831" "5613233" "5949821" "6009317").PN.	USPAT	2003/12/16 17:16
-	1 5	6118322.URPN. zero adj "if"	USPAT USPAT; US-PGPUB	2003/12/16 17:17 2003/12/16 17:19
-	5	zero adj 'if'	USPAT; US-PGPUB	2003/12/16 17:19
-	5	zero adj (if)	USPAT; US-PGPUB	2003/12/16 17:20
-	5	zero adj (IF)	USPAT; US-PGPUB	2003/12/16 17:20
-	37	((base adj band) or (direct adj conversion)) and ((active near2 filter) with (passive near2 filter))	USPAT; US-PGPUB	2003/12/17 16:07
-	47	((base adj band) or (direct adj conversion)) and ((active near2 filter))	USPAT; US-PGPUB	2003/12/17 09:32
-	10	(((base adj band) or (direct adj conversion)) and ((active near2 filter) same (passive near2 filter))) not (((base adj band) or (direct adj conversion)) and ((active near2 filter) with (passive near2 filter)))	USPAT; US-PGPUB	2003/12/17 09:19
-	870	((active near2 filter) same (passive near2 filter))	USPAT; US-PGPUB	2003/12/17 10:06
-	174	(((active near2 filter) same (passive near2 filter))) same ((low adj pass) or lp or lpf or alpf or plpf)	USPAT; US-PGPUB	2003/12/17 09:33
-	422740 168	((((active near2 filter) same (passive near2 filter))) same ((low adj pass) or lp or lpf or alpf or plpf)) note (((base adj band) or (direct adj conversion)) and ((active near2 filter) same (passive near2 filter))) ((((active near2 filter) same (passive near2 filter))) same	USPAT; US-PGPUB	2003/12/17 09:33
	100	(((active near2 inter)) same (passive near2 inter))) same ((low adj pass) or lp or lpf or alpf or plpf)) not (((base adj band) or (direct adj conversion)) and ((active near2 filter)) same (passive near2 filter)))	USPAT; US-PGPUB	2003/12/17 09:33

ſ <u></u>	18	["4124885" "4307441" "4439822" "4521671" "4521672"	USPAT	2003/12/17 10:06
-	10	"4729082" "4748550" "4800477" "4803611" "4878026"	USFAI	2003/12/17 10:00
		4729062		
	60047	"5177428" "5355299" "5450310").PN.	LICOAT	0000404740.00
-	66017	(active and passive)	USPAT;	2003/12/17 10:06
			US-PGPUB	
-	3	(("4124885" "4307441" "4439822" "4521671" "4521672"	USPAT;	2003/12/17 10:11
		"4729082" "4748550" "4800477" "4803611" "4878026"	US-PGPUB	
		"4939633" "4994950" "5012400" "5045988" "5105352"		
		"5177428" "5355299" "5450310").PN.) and ((active and		
		passive))		
-	2	5870297.URPN.	USPAT	2003/12/17 10:07
-	7	("3777064" "4148063" "4636853" "4652699" "5058159"	USPAT	2003/12/17 10:10
		"5144666" "5159631").PN.		
-	1	(("3777064" "4148063" "4636853" "4652699" "5058159"	USPAT;	2003/12/17 10:12
		"5144666" "5159631").PN.) and ((active and passive))	US-PGPUB	
-	5	5471531.URPN.	USPAT	2003/12/17 10:11
-	0	5471531.URPN. and ((active and passive))	USPAT;	2003/12/17 10:17
			US-PGPUB	
-	6	("3522457" "3849677" "3904978" "4560963" "4594648"	USPAT	2003/12/17 10:17
		"4920563").PN.		
_	18	5072200.ÚRPN.	USPAT	2003/12/17 10:17
<u>-</u>	3	5072200.URPN. and ((active and passive))	USPAT;	2003/12/17 10:17
1		((asin's and passino))	US-PGPUB	2000, 12, 17 10. 11
l <u>-</u>	58	(455/324.ccls. or (direct adj conversion)) and ((passive	USPAT:	2003/12/18 10:48
		near2 filter))	US-PGPUB	2000/12/10 10:10
i	27	((low adj pass) or (low-pass) or lp or lpf) same (differential)	USPAT;	2003/12/17 16:21
	-	same (passive near2 filter)	US-PGPUB	2000/12/17 10:21
_	13	((direct adj conversion)) and ((active near2 filter) with	USPAT;	2003/12/17 16:08
	"	(passive near2 filter))	US-PGPUB	2000/12/17 10:00
_	121	((low adj pass) or (low-pass) or lp or lpf) same (differential)	USPAT;	2003/12/17 16:22
	'-'	same (passive)	US-PGPUB	2003/12/17 10.22
_	120	(((low adj pass) or (low-pass) or lp or lpf) same (differential)	USPAT;	2003/12/17 16:22
	120	same (passive)) not ((455/324.ccls. or (direct adj conversion)	US-PGPUB	2003/12/17 10.22
) and ((passive near2 filter)))	03-6666	
l _	1	(US-6016422-\$).did.	USPAT	2003/12/17 17:38
_	1	((US-6016422-\$).did.) and filter	USPAT;	2003/12/17 17:38
_	'	((00-0010422-\$).did.) and niter		2003/12/1/ 17.36
<u> </u>	1	(US-6118322-\$).did.	US-PGPUB USPAT	2003/12/18 09:52
l <u>.</u>		(US-6118322-\$).did.) and passive	USPAT	2003/12/18 09:32
		((US-6118322-\$).did.) and ((low adj pass) or lp or (low-pass))	USPAT	2003/12/18 10:36
		((US-6118322-\$).did.) and lpf		
	1	((US-6118322-\$).did.) and (high or low)	USPAT	2003/12/18 10:37
	814	((US-6118322-\$).did.) and (nigh or low) (455/324.ccls. or (direct adj conversion)) and ((low adj	USPAT	2003/12/18 10:37
-	014	, , , , , , , , , , , , , , , , , , , ,	USPAT;	2003/12/18 10:48
	700	pass))	US-PGPUB	
-	736	(455/324.ccls. or (direct adj conversion)) and ((low adj pass	USPAT;	2003/12/18 10:48
		adj filter))	US-PGPUB	
-	59	(455/324.ccls. or (direct adj conversion)) and ((low adj pass	USPAT;	2003/12/18 12:56
		adj filter) with (base adj band))	US-PGPUB	
-	1445	is adj "41" or is-41	USPAT;	2003/12/18 12:56
	=		US-PGPUB	
-	1445	(is adj "41") or is-41	USPAT;	2003/12/18 12:56
			US-PGPUB	
-	32	ansi with ((is adj "41") or is-41)	USPAT;	2003/12/18 12:56
	1		US-PGPUB	